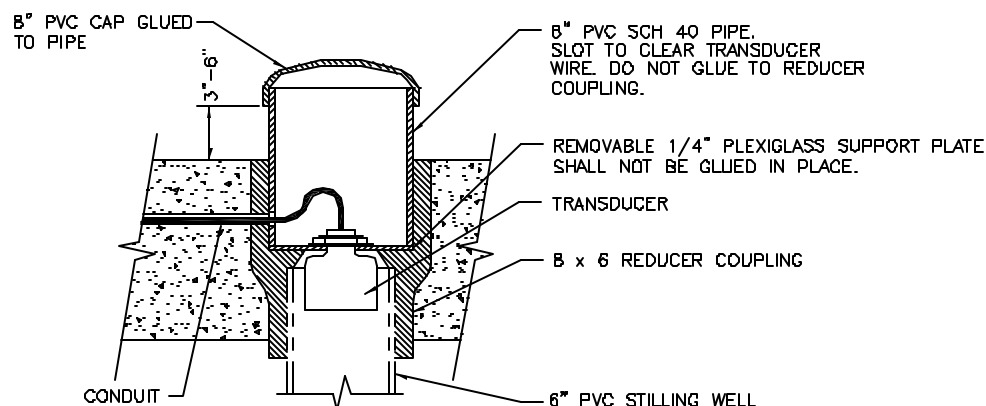


ELECTRICAL DETAIL

SCALE: NONE



TRANSDUCER MOUNTING DETAIL

SCALE: NONE

NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAW)

1. REVIEW DETAILS AND EDIT AS NEEDED TO SUIT PROJECT REQUIREMENTS.
2. REFER TO THE FOLLOWING LANL STANDARDS FOR ADDITIONAL REQUIREMENTS:
 - A. SPEC 02530, EXTERIOR SEWAGE LIFT STATION.
 - B. SPEC 02535, MANHOLES.
 - C. CIVIL DRAWING ST-G30GEN-1, BOLLARD DETAIL.
 - D. CIVIL DRAWING ST-G30GEN-3, TRACER WIRE DETAIL.
3. TRACER WIRE REQUIRED IN ALL PLASTIC, DUCTILE IRON, OR CAST IRON PIPING.
4. PROVIDE BOLLARDS IF VEHICLES ARE LIKELY TO IMPACT LIFT STATION.
5. LOCATE LIFT STATION SO THAT IT IS EASILY ACCESSIBLE FOR MAINTENANCE BY SERVICE VEHICLE.
6. SELECT PUMPS TO OPERATE WITHIN THE CAPACITY RANGE RECOMMENDED BY THE MANUFACTURER.
7. IT IS PREFERRED TO SELECT A PUMP THAT HAS A STEEP SLOPING CURVE.
8. LOCATE LIFT STATION ON SOUTH SIDE OF BUILDING (IF POSSIBLE).
9. LOCATION OF ELECTRICAL CONTROL PANEL AND CONCRETE PAD SHALL BE DETERMINED BY FIELD CONDITIONS. COORDINATE LOCATION WITH THE LANL UTILITY GROUP WASTEWATER REPRESENTATIVE.

DRAWING DEVELOPED FOR ML-3/ML-4 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE).

3	8-18-84	U	REVISION TITLE	RF	EX	MB	CH	TR
3	8-28-83	U	REVISION NOTE 3 AND ADDS TRANSDUCER DETAIL. THIS WAS REL. AND REPTED.	RF	EX	MB	CH	TR
1	8-8-82	U	DRAWING REVISION AND TRANSDUCER TO CIVIL CHAPTER. CIVIL WAS REVISION. CHAPTER 4.	RF	EX	MB	CH	TR
NO	DATE	DATE	REVISION	DATE	DATE	DATE	DATE	DATE
<p>LANL FACILITY & WASTE OPERATIONS DESIGN ENGINEERING CONSTRUCTION SERVICES</p> <p>ENGINEERING STANDARDS MANUAL</p> <p>EXTERIOR SEWAGE LIFT STATION NOTES AND ELECTRICAL DETAIL</p> <p>BLDG X TA-X SUBMITTAL APPROVED FOR RELEASE STANDARD MANAGER JOHN GIBSON</p> <p>Los Alamos PO BOX 1666 Los Alamos, New Mexico 87545</p> <p>CLASSIFICATION U PROJECT ID CHAPTER 3 REVISION 3</p> <p>DATE 8-28-84 SHEET 4 OF 4 REV 3</p>								